



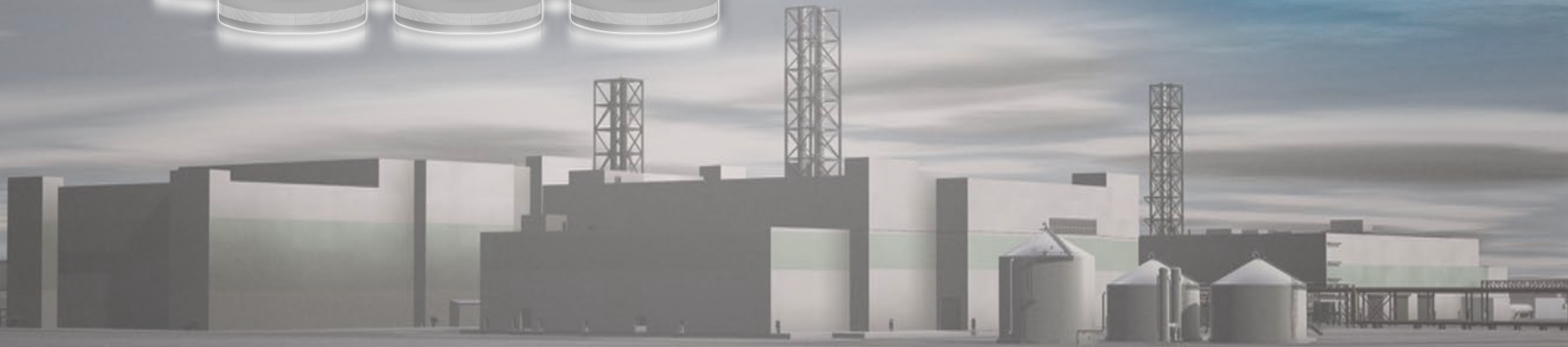
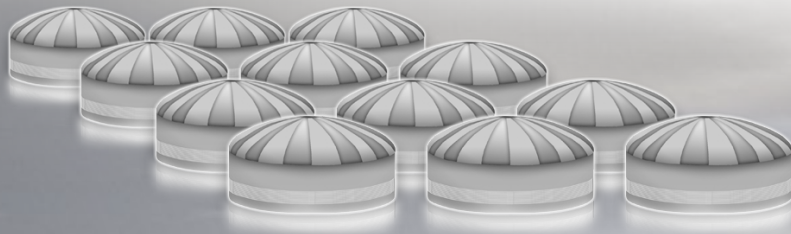
# U.S. Department Of Energy Office of River Protection

## Hanford Advisory Board June 6, 2013

Tom Fletcher, Assistant Manager  
Tank Farms Project

# Office of River Protection Mission

*“Remove waste from the past production of nuclear materials stored in underground tank farms, treat the waste to standards that are protective of human health and the environment, and close the tanks and treatment facilities.”*



# Fiscal Year (FY) 2013 Continuing Resolution

- Office of River Protection funding was \$1,089,729,000
- President Budget was \$1,172,000,000
- \*Specific impacts include:
  - Some layoffs and furlough to workers
  - Reduced Single-Shell Tanks (SST) integrity activities

*\*reflects sequestration*

# Congress Approved Reprogramming

## Congress approved Reprogramming of \$161 Million from Waste Treatment Plant Pretreatment

- \$46 Million to Tank Farms
- \$115 Million to Waste Treatment Plant A-D Projects
  - Analytical Laboratory
  - Balance of Facilities
  - Low Activity Waste Facility
  - High-Level Waste Facility



Waste Treatment Plant



C Tank Farm

# Office of River Protection Profile

(\$ in 000's)

| PBS                | PBS Title   | FY 2013<br>Enacted<br>(after reprogram) | FY 2014<br>President's<br>Budget |
|--------------------|---|---|----------------------------------|
| ORP-0014           | Radioactive Liquid Tank Waste Stabilization and Disposition | \$ 454,150                              | \$ 520,216                       |
|                    |   |   |                                  |
| ORP-0060           | Major construction – Waste Treatment Plant                  | \$ 634,356                              | \$ 690,000                       |
|                    |   |   |                                  |
| <b>Total – ORP</b> | <b>Office of River Protection Funding Summary</b>           | <b>\$1,088,506</b>                      | <b>\$1,210,216</b>               |

# Tank Farms Overview

## Base Operations - Maintain Category 2 Nuclear Facility



242-A Evaporator



222-S Laboratory

Tank Farms Operations

## C-Farm Retrievals - Waste Retrieved From 9 of 16 Tanks



## Waste Feed Delivery - Preparing Infrastructure for Feed to WTP



## Tank Leaks - Conducting Assessments



T-111



AY-102

# Waste Treatment Plant Overview

**Low-Activity Waste Facility**



**High-Level Waste Facility**



**Analytical Laboratory**



**Pretreatment Facility**



# Depiction of the Waste Feed Delivery to the Waste Treatment Plant

